

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number  
**WO 2004/064919 A1**

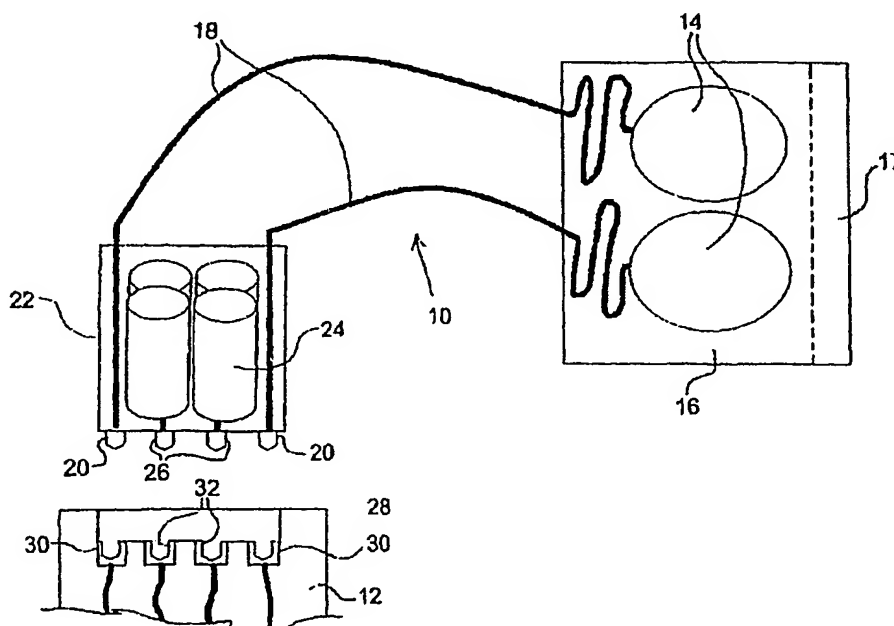
- (51) International Patent Classification<sup>7</sup>: A61N 1/39
- (21) International Application Number:  
PCT/EP2004/000402
- (22) International Filing Date: 15 January 2004 (15.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
S2003/0023 17 January 2003 (17.01.2003) IE
- (71) Applicant (for all designated States except US): HEART-SINE TECHNOLOGIES LIMITED [GB/GB]; Thomas Andrews House, Queen's Island, Belfast BT3 9DU (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SMIRLES, William, J. [US/US]; 1260 Anthony Lane, Deerfield, IL 60015 (US). ANDERSON, Johnny, H. [GB/GB]; 58 Ardmore Road, Holywood, County Down BT18 0JP (GB)
- (74) Agents: CASEY, Lindsay, Joseph et al.; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ.

[Continued on next page]

(54) Title: DISPOSABLE DEFIBRILLATOR ELECTRODE ASSEMBLY



(57) Abstract: A disposable electrode assembly for a portable defibrillator (12) comprises defibrillator electrodes (14), batteries (24) for powering the defibrillator, and a connector (22) for connecting the electrodes and batteries to the defibrillator. The connector has power output terminals (26) for connecting the battery to the defibrillator and high voltage input terminals (20) for applying a defibrillation voltage to the electrodes. The batteries (24) are housed in the connector (22), or mounted on the rear of one electrode